



**COMPLETION
& PRODUCTION
SERVICES CO.**

**MICRO
LOG**

Company	MID-CONTINENT ENERGY CO.	Company	MID-CONTINENT ENERGY CO.
Well	WILLIAMS #1-29	Well	WILLIAMS #1-29
Field	WILDCAT	Field	WILDCAT
County	LANE	County	LANE
State	KANSAS	State	KANSAS
Location:	API # : 15-101-22483 1220' FNL & 1320' FEL	Other Services CDL/CNL DIL	
SEC 29 TWP 19S RGE 27W			
Permanent Datum Log Measured From Drilling Measured From	GROUND LEVEL KELLY BUSHING 10' A.G.L. KELLY BUSHING	Elevation K.B. 2728 D.F. G.L. 2718	
Date	1-4-14		
Run Number	TWO		
Depth Driller	4740		
Depth Logger	4738		
Bottom Logged Interval	4734		
Top Log Interval	3600		
Casing Driller	308		
Casing Logger	308		
Bit Size	7.875		
Type Fluid in Hole	CHEMICAL MUD		
Density / Viscosity	9.5 / 50		
pH / Fluid Loss	10.0 / 6.8		
Source of Sample	FLOWLINE		
Rim @ Meas. Temp	0.80 @ 70F		
Rmf @ Meas. Temp	0.60 @ 70F		
Rmc @ Meas. Temp	0.96 @ 70F		
Source of Rmf / Rmc	MEASURED		
Rim @ BHT	.460 @ 122F		
Time Circulation Stopped	3 HOURS		
Time Logger on Bottom	10:15 A.M.		
Maximum Recorded Temperature	122F		
Equipment Number	860		
Location	HAYS, KS.		
Recorded By	RUPP		
Witnessed By	TOM PRONOLD		

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

NABORE COMPLETION & PRODUCTION SERVICES
785-628-6395
THANK YOU FOR YOUR BUSINESS
DIRECTIONS: DIGHTON, 6E TO TURKEY RED RD., 6S TO 80TH RD., 1/2W, S INTO.



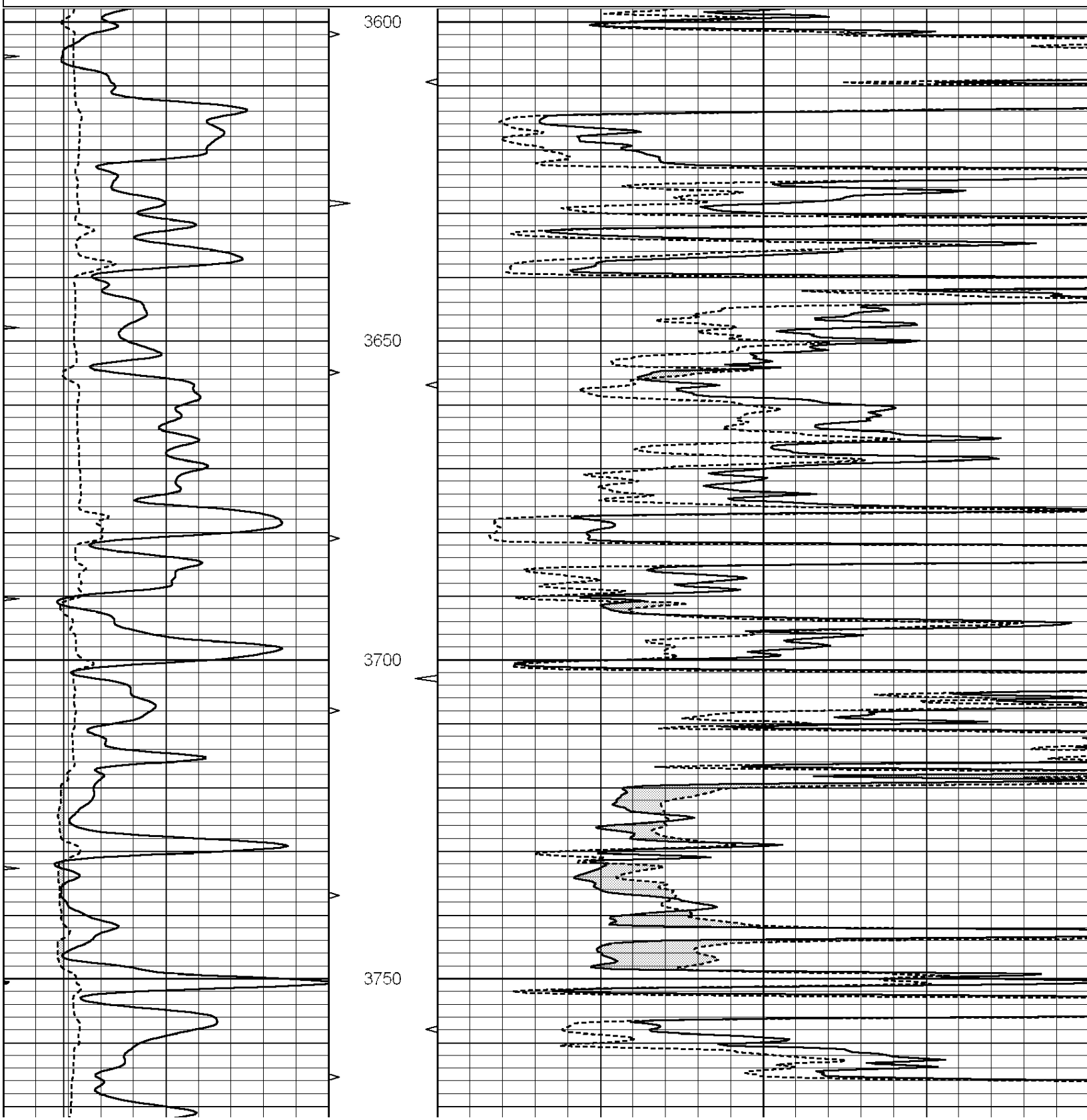
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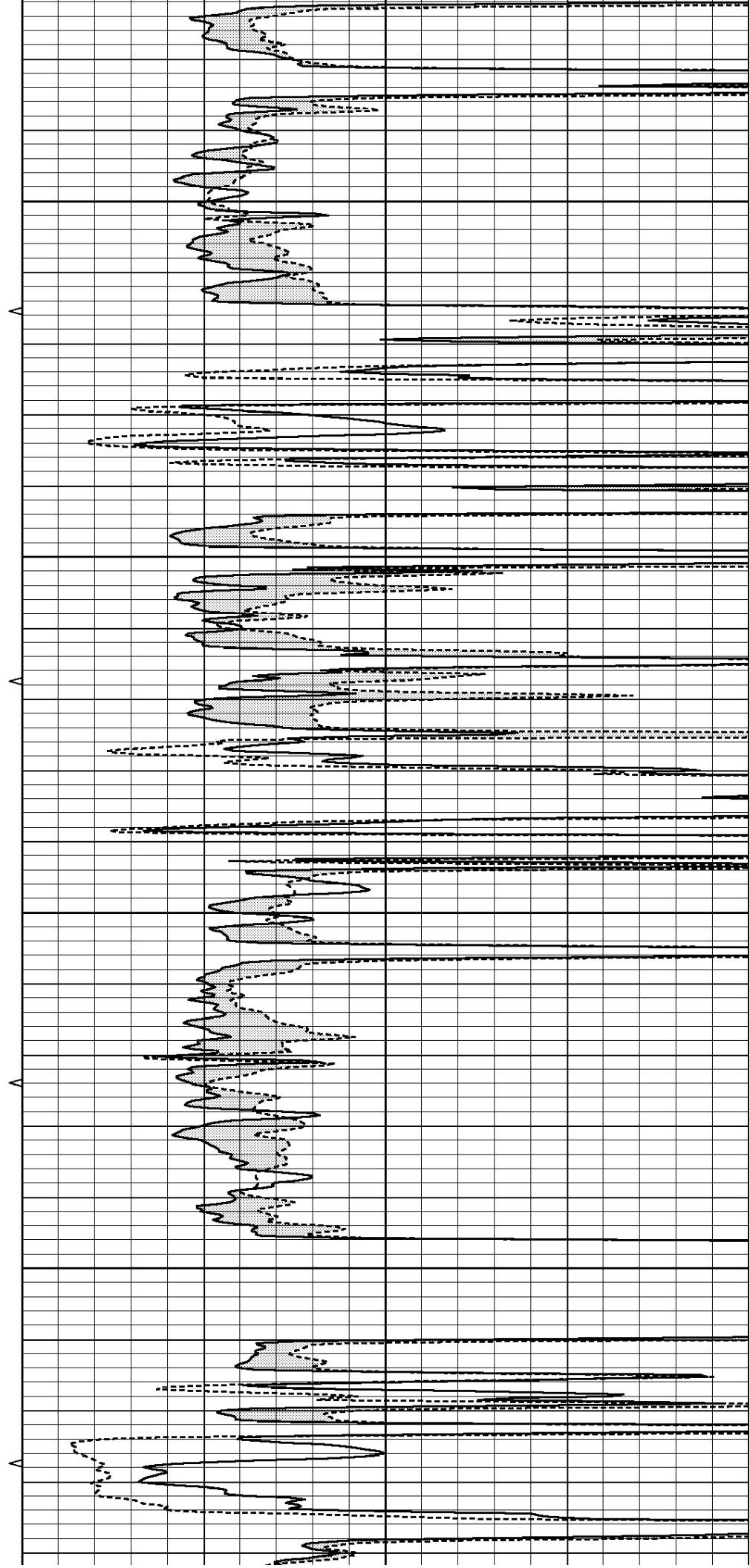
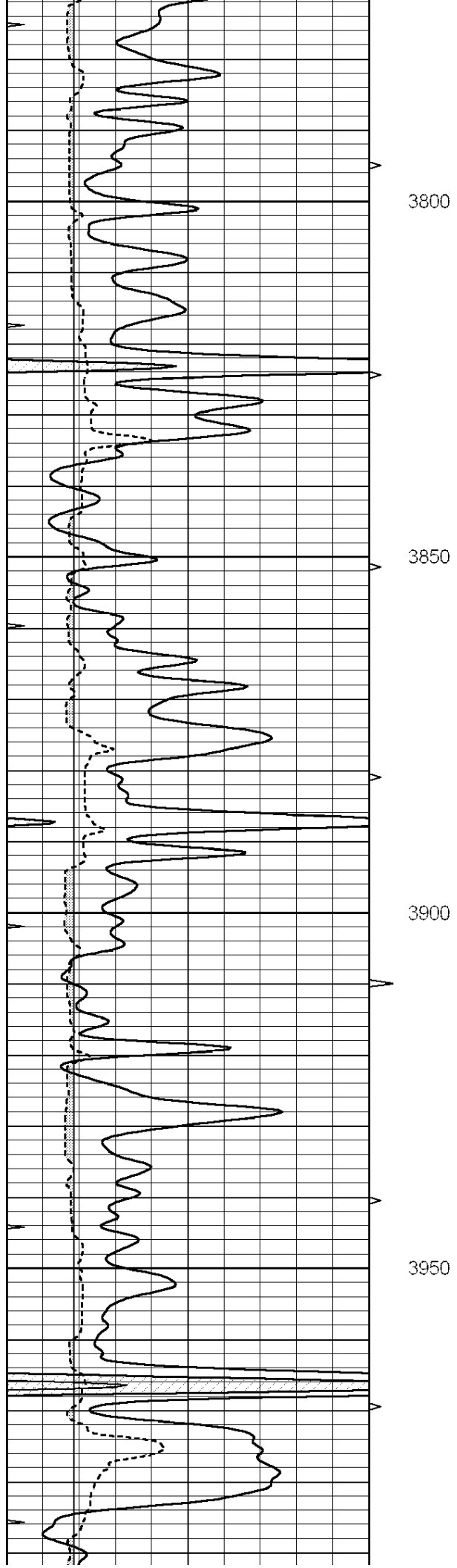
MAIN SECTION

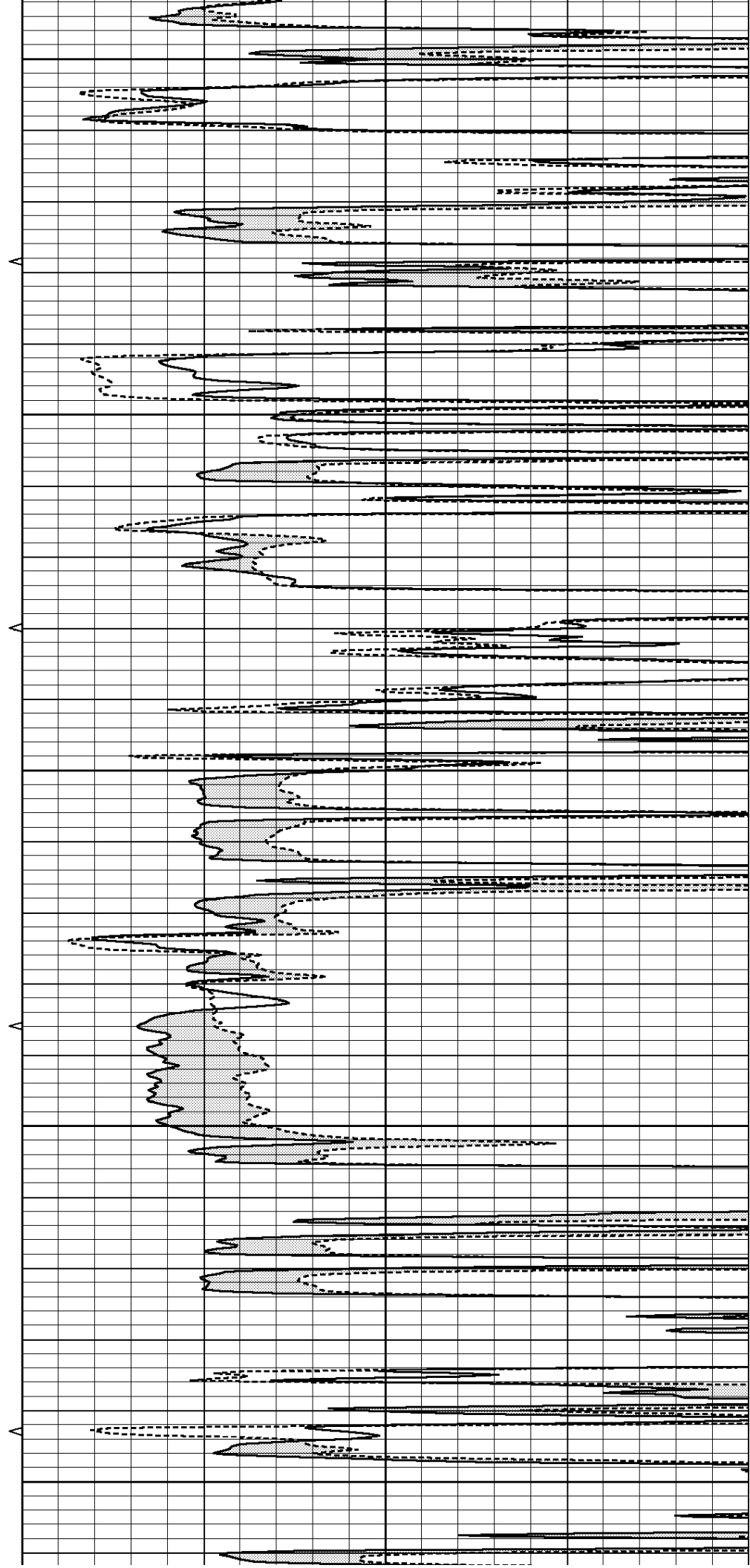
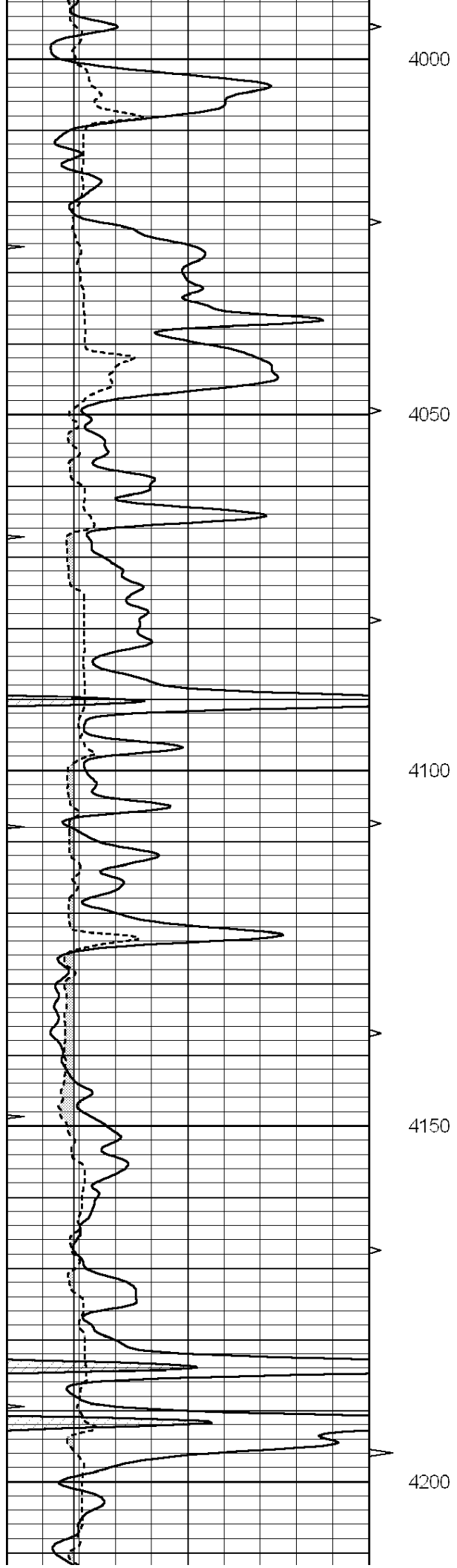
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 Dataset Pathname: pass7.1
 Presentation Format: _micro
 Dataset Creation: Sat Jan 04 14:36:51 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240

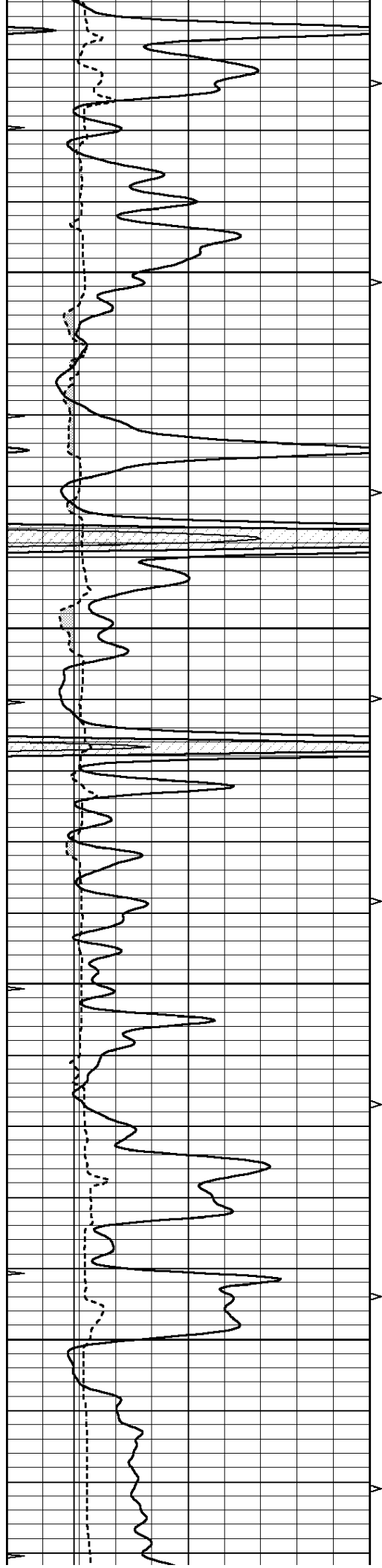
0	GAMMA RAY (GAPI)	150
6	MELCAL (in)	16
0	MINMK	20

0	MEL1.5 (Ohm-m)	40
0	MEL2.0 (Ohm-m)	40







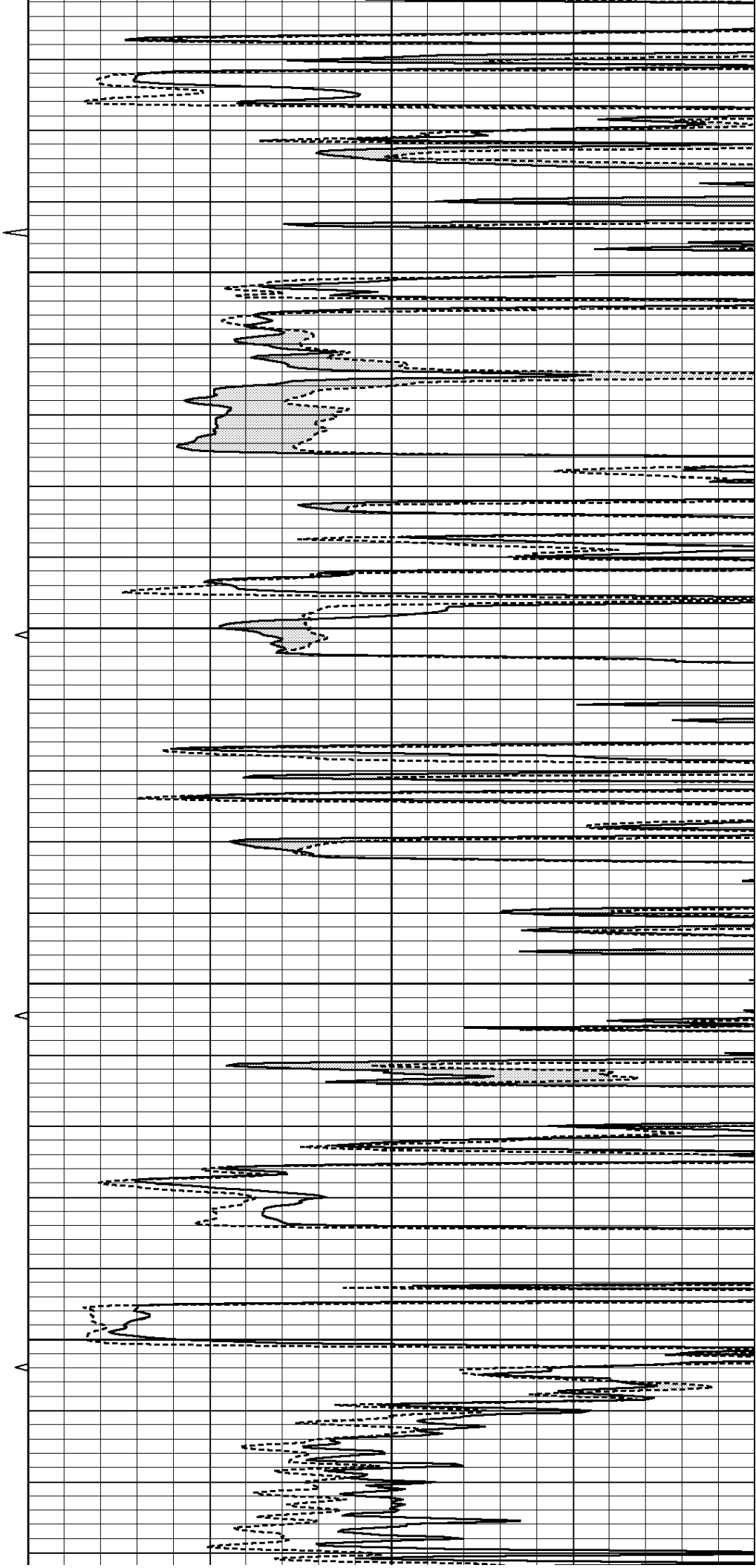


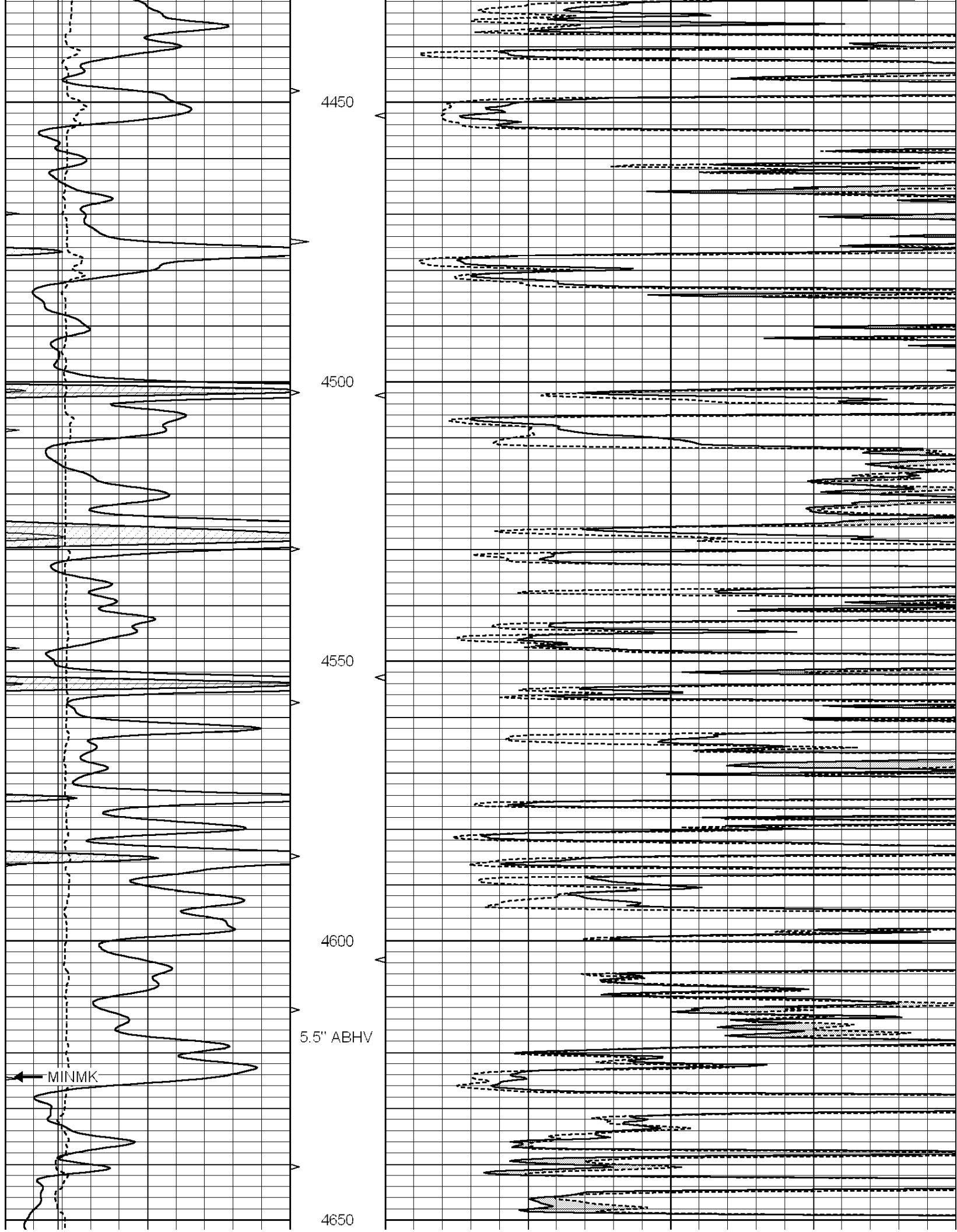
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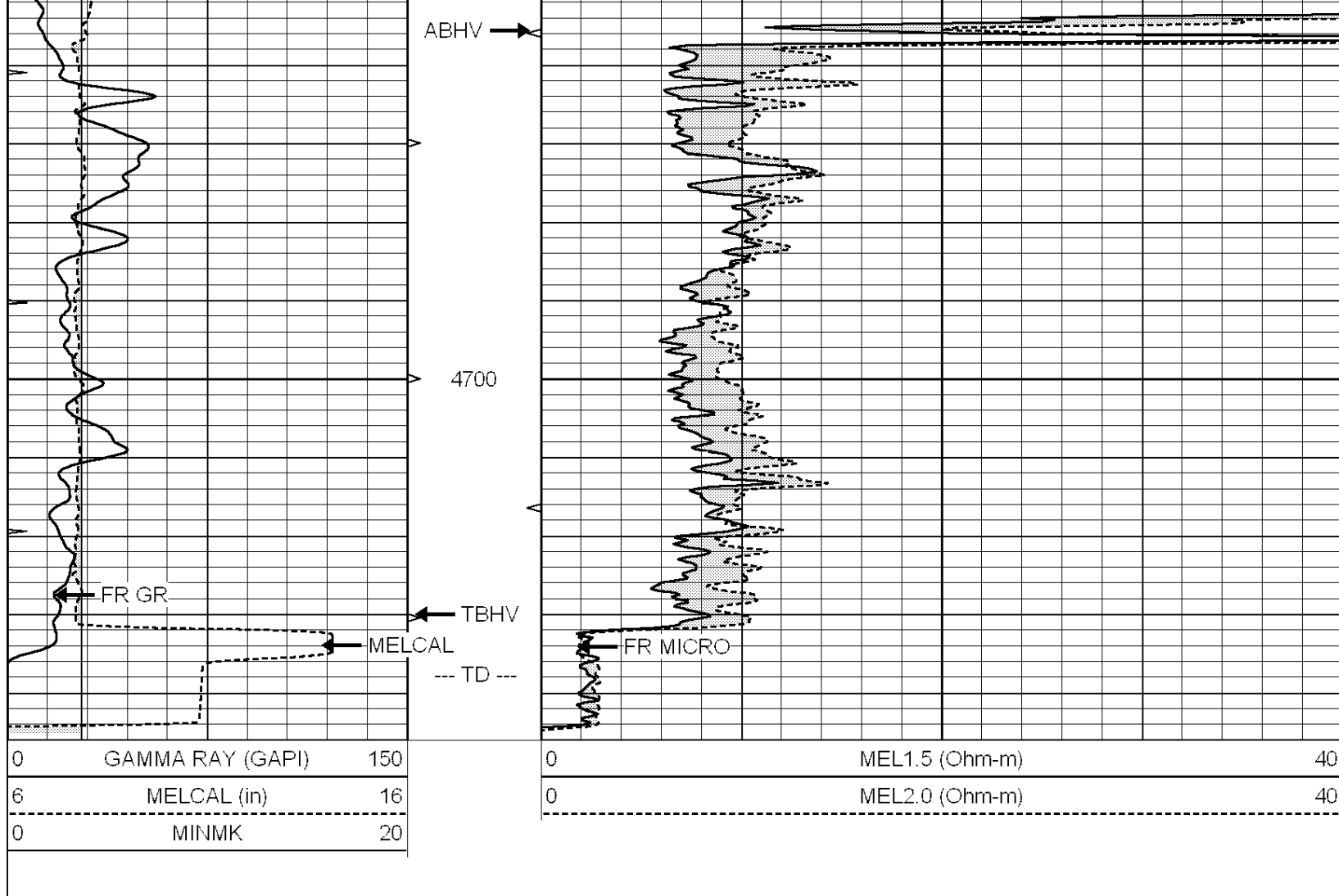
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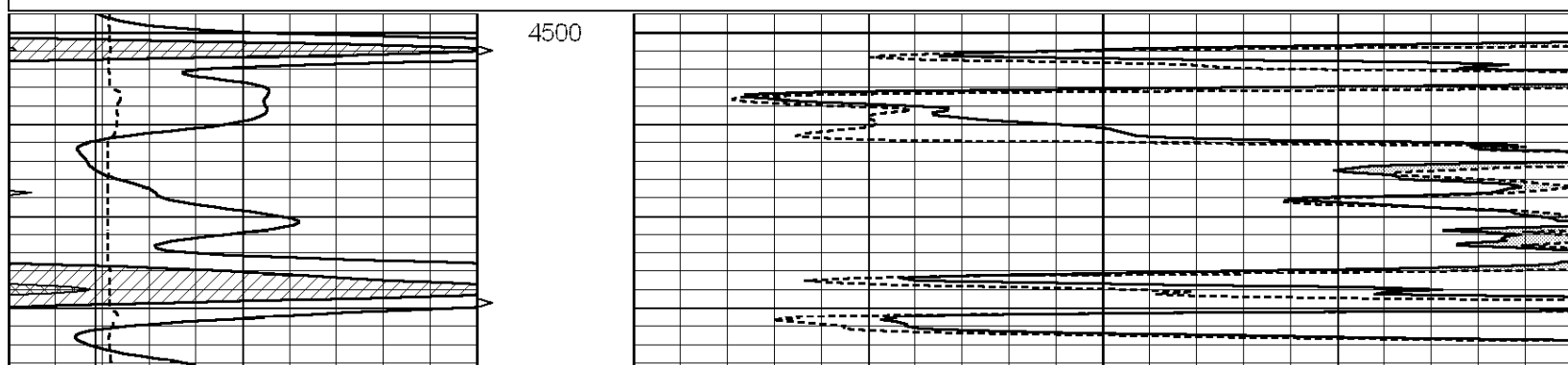
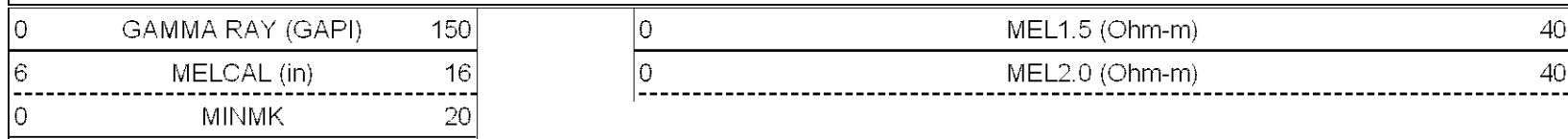


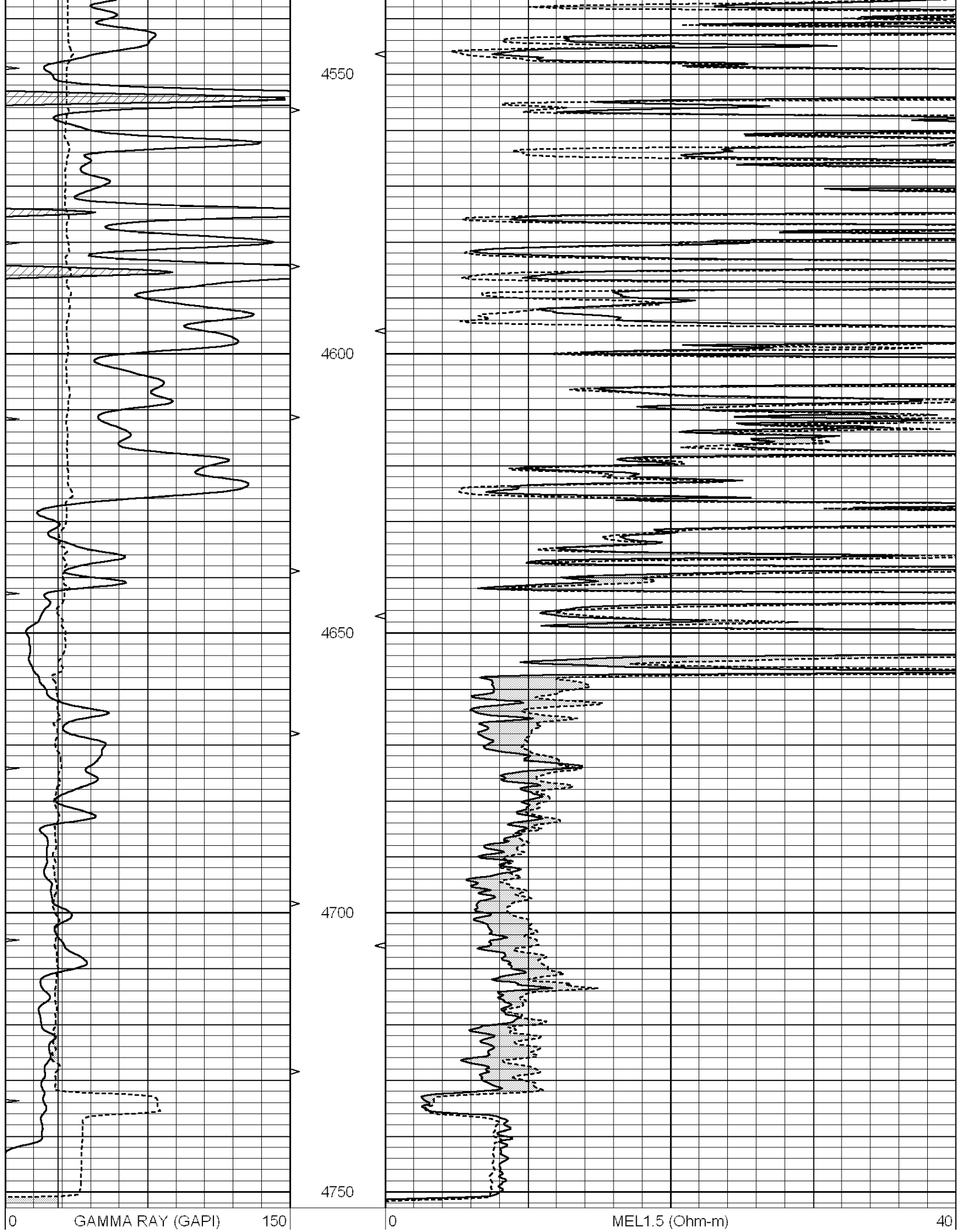




REPEAT SECTION

Database File: 22209ddn.db
 Dataset Pathname: pass6.A
 Presentation Format: _micro
 Dataset Creation: Sat Jan 04 14:34:43 2014 by Calc Open-Cased 090629
 Charted by: Depth in Feet scaled 1:240





6	MELCAL (in)	16
0	MINMK	20

0	MEL2.0 (Ohm-m)	40
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Calibration Report

Database File: 22209ddn.db
Dataset Pathname: pass7.1
Dataset Creation: Sat Jan 04 14:36:51 2014 by Calc Open-Cased 090629

MICRO Calibration Report

Serial Number: 2
Tool Model: ProbeL
Performed: Sat Jan 04 14:32:57 2014

Caliper Calibration: Gain=6.446 Offset=-3.200

	Low Cal	High Cal
References	7.400	16.000
Readings	1.731	3.065

1.5" Calibration: Gain=37.000 Offset=-2.500

	Low Cal	High Cal
References	0.000	20.000
Readings	0.015	0.458

2" Calibration: Gain=60.000 Offset=-1.200

	Low Cal	High Cal
References	0.000	20.000
Readings	0.003	0.384

Gamma Ray Calibration Report

Serial Number: GR2
Tool Model: OPEN
Performed: Sat Jan 04 14:32:47 2014

Calibrator Value: 200.0 GAPI

Background Reading:	0.0	cps
Calibrator Reading:	740.0	cps

Sensitivity: 0.3700 GAPI/cps